

M19 P36SE LG/ARR

P a t e n t C l a i m s

- 5 1. Arrangement (2) for a two-stage ejector (3), with a follow-on action, capable of installation centrally in a moulding tool (1), **characterized in that** a rear ejector part (5) exhibiting connecting means (4) for attachment of the ejector (3) to an injection moulding machine is capable of
10 detachable attachment to the remaining part (6) of the ejector (3).
2. Arrangement in accordance with Patent Claim 1, **characterized in that** the attachment (6) between the aforementioned rear ejector part (5) and the remaining part
15 (7) of the ejector (3) is in the form of a threaded connection.
3. Arrangement in accordance with Patent Claim 2, **characterized in that** an internal thread (8) in the aforementioned rear ejector part (5) is so arranged as to
20 enclose and accommodate an external thread (9) in a remaining part (10) of the threaded connection (6).
4. Arrangement in accordance with one or other of Patent Claims 1-3, **characterized in that** an aforementioned rear ejector part (5) is accommodated in such a way as to be
25 displaced through a transcurrent opening (13) in the mould.
5. Arrangement in accordance with Patent Claim 4, **characterized in that** the form of the aforementioned opening (13) is adapted to the front end part (5A) of the aforementioned rear ejector part (5).
- 30 6. Arrangement in accordance with Patent Claim 5, **characterized in that** the aforementioned rear ejector part (5) exhibits an enlarged accommodating part (15) to accommodate the rear end (16) of an adjacent part of the ejector part (5).

7. Arrangement in accordance with Patent Claim 6,
characterized in that an attachment part (17) for detachable
attachment of the ejector (3) to an ejector plate (18)
situated to its rear, is accommodated with a flange part (19)
5 on the front end (20) of the aforementioned rear ejector part
(5).
8. Arrangement in accordance with Patent Claim 7,
characterized in that the attachment part (17) is in the form
of a sleeve of irregular shape.
- 10 9. Arrangement in accordance with one or other of
Patent Claims 7-8, *characterized in that* the attachment part
(17) is secured by means of screws (21) to the rear ejector
plate (18).
10. Arrangement in accordance with one or other of
15 Patent Claims 1-9, *characterized in that* the aforementioned
rear ejector part (5) exhibits an internal attachment part
(4) for detachable attachment to an injection moulding
machine (not shown here) and an internal recess (22) to
accommodate a part (23) of a piston (24) situated at the
20 front of the telescopic ejector arrangement.